



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Attorney Docket Number 135487CT (15051US01)

IN THE APPLICATION OF:

Jiang Hsieh et al.

Serial No.: 10/668,444

Filed: September 23, 2003

For: System and Method for Defective Detector
Cell and DAS Channel Correction

Examiner: Not Yet Assigned

Group Art Unit: 2882

EXPRESS MAIL NO.

EV 304940877 US

DATE:

May 10, 2004

**AMENDMENT AND PETITION TO ADD INVENTORS
NOT ORIGINALLY NAMED IN NON-PROVISIONAL APPLICATION**

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.48(a), applicants submit this Amendment and Petition to correct the original naming of inventors in the declaration submitted in connection with the above-identified application.

Please add the following previously unnamed individuals as named inventors for the present application:

Name and address of inventor:

1. Gary R. Strong
S77 W26665 Crestview Drive
Waukesha, WI 53189

05/12/2004 EEKUBAY1 00000017 070845 10668444

01 FC:1460 130.00 DA

2. Willi Walter Hampel
W305 N6508 Beaver View Road
Hartland, WI 53029
3. Koji Bessho
1-19-21, Higashi-Toyoda
Hino-shi, Tokyo, 191-0052, Japan

ATTACHMENTS

Attached hereto are:

- (a) statements from each of the individuals being added as inventors that the error in inventorship occurred without deceptive intention on his or her part (37 C.F.R. §1.48(a)(1));
- (b) a declaration and petition executed by all five inventors;
- (c) assignment documents from the individuals being added as inventors, along with an assignment recordation cover sheet;
- (d) a statement under 37 C.F.R. §3.73(b) establishing ownership of the application and authorizing Carl Horton, as a Secretary of the assignee, to act on behalf of the assignee; and
- (e) written consent of Carl Horton to the change of inventorship in the present application.

In view of the foregoing and the attachments hereto, applicants request correction of the original naming of inventors in accordance with the attached declaration. The Examiner is invited to telephone the applicants' undersigned attorney at (312) 775-8000 if any unresolved matters remain.

Please charge any additional fees or credits, such as the \$130.00 petition fee, or credit any overpayment, incurred in connection with this submission to Deposit Account No. 070845 for GTC.

Respectfully submitted,

Dated: May 10, 2004

Christopher N. George
Christopher N. George
Registration No. 51,728
Attorney for Applicant

McANDREWS, HELD & MALLOY, LTD.
500 West Madison Street, 34th Floor
Chicago, Illinois 60661

Telephone: (312) 755-8000
Facsimile: (312) 775-8100



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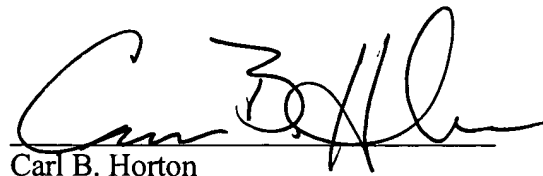
CONSENT OF ASSIGNEE TO INVENTORSHIP CORRECTION

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

As a person authorized to act for the assignee in the above identified application as evidenced by the enclosed statement under 37 CFR 3.73(b), I hereby consent in the addition of Gary R. Strong, Willi Walter Hampel, and Koji Bessho as inventors in the above identified application.

Dated: May 5, 2004


Carl B. Horton
Secretary and
Senior Intellectual Property Counsel

Certificate Under 37 CFR 3.73(b)

Applicant: **Jiang Hsieh, et al.**

Application No.: **10/668,444**

Filed: **September 23, 2003**

For: System and Method for Defective Detector Cell and DAS Channel Correction
GE Medical Systems Global Technology Company, a Limited Liability Company,
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel ~, Frame ~, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel ~, Frame ~, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel ~, Frame ~, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

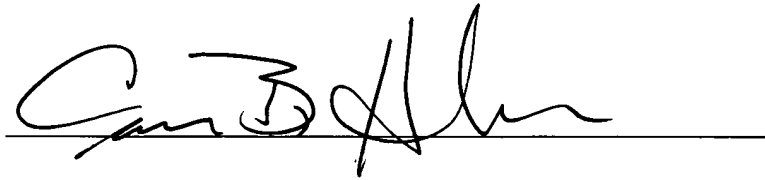
The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

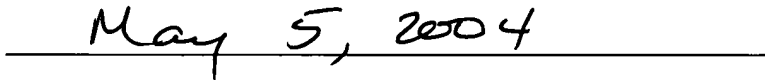
Name: **Carl B. Horton**

Title: **Secretary and Senior Intellectual Property Counsel**

Signature:

A handwritten signature in cursive script, appearing to read "Carl B. Horton", written over a horizontal line.

Date:

A handwritten date "May 5, 2004" written in cursive script over a horizontal line.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Attorney Docket Number 135487CT (15051US01)

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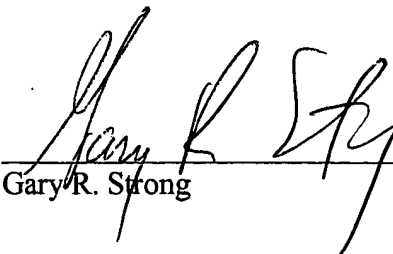
**STATEMENT OF NON-DECEPTIVE INTENT BY PERSON BEING ADDED
BY PETITION TO ADD INVENTOR NOT ORIGINALLY NAMED
IN NON-PROVISIONAL APPLICATION**

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, the person who is being added as an inventor by the petition being submitted to correct the inventorship of the above application, do hereby declare that the inventorship error in failing to include my name as an inventor on the present application occurred without any deceptive intention on my part.

Dated: 02/27/04



Gary R. Strong



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket Number 135487CT (15051US01)

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**STATEMENT OF NON-DECEPTIVE INTENT BY PERSON BEING ADDED
BY PETITION TO ADD INVENTOR NOT ORIGINALLY NAMED
IN NON-PROVISIONAL APPLICATION**

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, the person who is being added as an inventor by the petition being submitted to correct the inventorship of the above application, do hereby declare that the inventorship error in failing to include my name as an inventor on the present application occurred without any deceptive intention on my part.

Dated: 2/27/04

Willi Walter Hampel
Willi Walter Hampel



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket Number 135487CT (15051US01)

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**STATEMENT OF NON-DECEPTIVE INTENT BY PERSON BEING ADDED
BY PETITION TO ADD INVENTOR NOT ORIGINALLY NAMED
IN NON-PROVISIONAL APPLICATION**

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, the person who is being added as an inventor by the petition being submitted to correct the inventorship of the above application, do hereby declare that the inventorship error in failing to include my name as an inventor on the present application occurred without any deceptive intention on my part.

Dated: March 3, 2004

Koji Bessho
Koji Bessho



**COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if several names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

System and Method for Defective Detector Cell and DAS Channel Correction

☒ the specification of which is attached hereto OR

was filed on [date] as Application Serial No. [Serial No.] or PCT International Application Number [Int'l. App. No.] and was amended on [date] (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

As a named inventor, I hereby appoint Practitioners at Customer Number 23446; Carl B. Horton (Reg. No. 34,622), Peter J. Vogel (Reg. No. 41,363), Michael A. Della Penna (Reg. No. 45,697), Ronald E. Myrick (Reg. No. 26,315), Henry J. Policinski (Reg. No. 26, 621) and Scott R. Hayden (Reg. No. 41,821) jointly, and each of them severally, my/our attorney(s) or agents(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to Practitioners at Customer Number 23446.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

This declaration names 5 inventors below.

Full name of first joint inventor: Jiang Hsieh

Inventor's signature: 

Date: 3/16/04

Residence: 19970 W. Keswick Ct.
Brookfield, WI 53045

Citizenship: U.S.A.

Post Office Address: Same

Full name of second joint inventor: Eugene Clifford Williams

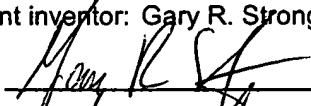
Inventor's signature: Eugene Williams Date: 3/16/04

Residence: S35 W28019 Pheasant Run
Waukesha, WI 53189

Citizenship: U.S.A.

Post Office Address: Same

Full name of third joint inventor: Gary R. Strong

Inventor's signature: 

Date: 02/27/04

Residence: S77 W2665 Crestview Drive
Waukesha, WI 53189

Citizenship: U.S.A.

Post Office Address: Same

Full name of fourth joint inventor: Willi Walter Hampel

Inventor's signature: Willi Walter Hampel Date: 2/27/04

Residence: W305 N6508 Beaver View Road
Hartland, WI 53029

Citizenship: U.S.A.

Post Office Address: Same

Full name of fifth joint inventor: Koji Bessho

Inventor's signature: Koji Bessho

Date: March 3, 2004

Residence: 1-19-21, Higashi-Toyoda
Hino-shi, Tokyo, 191-0052, Japan

Citizenship: Japan

Post Office Address: Same



15051V501

CB

UNITED STATES PATENT AND TRADEMARK OFFICEUNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APRIL 29, 2004

PTAS
MCANDREWS, HELD & MALLOY, LTD.
CHRISTOPHER N. GEORGE
500 WEST MADISON STREET, 34TH FLOOR
CHICAGO, ILLINOIS 60661

RECEIVED

MAY 04 2004

MCANDREWS, HELD & MALLOY



102567870A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/23/2003

REEL/FRAME: 014542/0602

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HSIEH, JIANG

DOC DATE: 09/22/2003

ASSIGNOR:

WILLIAMS, EUGENE C.

DOC DATE: 09/22/2003

ASSIGNEE:

G.E. MEDICAL SYSTEMS GLOBAL
TECHNOLOGY COMPANY, LLC
3000 NORTH GRANDVIEW BOULEVARD
WAUKESHA, WISCONSIN 53188

SERIAL NUMBER: 10668444

FILING DATE: 09/23/2003

PATENT NUMBER:

ISSUE DATE:

014542/0602 PAGE 2

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Form PTO-1595
(Rev. 03/01)

10-06-2003



SHEET

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

LY

To the Honorable Commissioner of Patents and Trademarks, U.S. Patent and Trademark Office, Washington, D.C. 20503
102567870 the attached original documents or copies thereof.

1. Name of conveying party(ies):

Jiang Hsieh

Eugene C. Williams

9-23-03

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____

Execution Date: September 22, 2003 and September 22, 2003, respectively.

2. Name and address of receiving party(ies):

G.E. Medical Systems Global
Technology Company, LLC
3000 North Grandview Boulevard
Waukesha, WI 53188

Additional name(s) & address(es) attached? ☐ Yes ☒ No

03940 U.S. PTO
10/668444
09/23/03

4. Application number(s) or patent number(s):

20668444

If this document is being filed together with a new application, the execution date of the application is:

September 22, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Christopher N. George
McAndrews, Held & Malloy, Ltd.
34th Floor
500 West Madison Street
Chicago, Illinois 60661

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41): \$ 40.00

☐ Enclosed. Any excess or insufficiency should be credited or debited to deposit account.☒ Authorized to be charged to deposit account.

8. Deposit account number:

GTC, 070845

10/03/2003 LHWELLER 00000225 070845 10668444
03 FC:8021 40.00 DA

DO NOT USE THIS SPACE

9. Signature.

Name of Person Signing: Christopher N. George

Reg. No. 51,728 Date: September 23, 2003

Signature: Christopher N. George

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or for other good and valuable consideration of which we acknowledge receipt, we, Jiang Hsieh of 19970 W. Keswick Court, Brookfield, WI 53045, and Eugene Clifford Williams of S35 W28019 Pheasant Run, Waukesha, WI 53189, hereby sell and assign to GE Medical Systems Global Technology Co., LLC, a Delaware limited liability company (hereinafter referred to as "Company"), its successors and assigns our entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by us and described in the application for United States Patent currently entitled

System and Method for Defective Detector Cell and DAS Channel Correction

(GE Docket No. 135487CT)

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

Inventor: [Signature]

Date: 9/22/03

State of WISCONSIN

SS:

County of WAUKESHA

This 22 day of Sept, 2003, before me personally came the above named

Jiang Hsieh to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

[Signature]
(Notary Public)

My commission expires 11-9-2003

Inventor: Eugene Williams Date: 9/22/03

State of Wisconsin SS:

County of WAUKESHA

This 22 day of Sept, 2003, before me personally came the above named

Eugene Williams to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

[Signature]
(Notary Public)
My commission expires 11-9-2003

ASSIGNMENT OF APPLICATION FOR PATENT

The undersigned, residing at the address (es) shown below, for and in consideration of One Dollar (\$1.00) and other valuable consideration, have assigned, sold and set over, and by these presents do assign, sell and set over unto GE YOKOGAWA MEDICAL SYSTEMS, LIMITED a corporation duly organized under the laws of Japan, and doing business at 7-127, Asahigaoka 4-chome, Hino-shi, Tokyo 191-8503, Japan, for all foreign countries, full and exclusive right, title and interest in and to the invention entitled, System and Method for Defective Detector Cell and DAS Channel Correction (135487CT), invented by the undersigned, and as fully set forth and described in the specification prepared and executed by the undersigned concurrently herewith, and to be filed concurrently herewith, preparatory to obtaining Letter Patents therefore; said invention, application and Letter Patent to be held and enjoyed by said GE YOKOGAWA MEDICAL SYSTEMS, LIMITED to the full end of the term for which said Letter Patent is granted, as fully and entirely as the same would have been held by the undersigned had this assignment and sale not been made.

Executed at Tokyo Japan on March 3, 2004

Name Koji Bessho Signature Koji Bessho

Address 1-19-21, Higashi-Toyoda, Hino-shi, Tokyo, 191-0052, Japan

ASSIGNMENT OF PATENT APPLICATION(S)

ASSIGNOR - GE YOKOGAWA MEDICAL SYSTEMS, LIMITED, a Japanese corporation, of 7-127, Asahigaoka, 4-chome, Hino-shi, Tokyo, JAPAN

ASSIGNEE - GENERAL ELECTRIC COMPANY, a New York corporation with offices at 1 River Road, Schenectady, NY 12345, USA


WHEREAS, the ASSIGNOR identified above has ownership of the invention entitled: System and Method for Defective Detector Cell and DAS Channel Correction (135487CT);

AND WHEREAS, the ASSIGNEE identified above is desirous of acquiring interests therein and in the Letters Patent to be obtained therefor from all foreign countries;

NOW THEREFORE, we have assigned, sold, set over and by these presents hereby do assign, sell and set over unto said ASSIGNEE for all foreign countries, full and exclusive right, title and interest in and to said invention, as fully set forth and described in the specification prepared and executed by the inventor(s) Koji Bessho, preparatory to obtaining Letters Patents therefor; said invention(s), application(s), and Letters Patent(s) to be held by and enjoyed by said ASSIGNEE, for its own use and behoof, and for whatever purpose it may deem desirable to the full end of the term for which said Letters Patent(s) are granted, and fully and entirely as the same would have been held by us had this Assignment and sale not been made.

IN TESTIMONY WHEREOF, we set hereunto our hands at Tokyo, Japan on this 3rd day of March 2004.

GE YOKOGAWA MEDICAL SYSTEMS, LIMITED

BY 

(Name) Akio Takagi

(Title) Manager

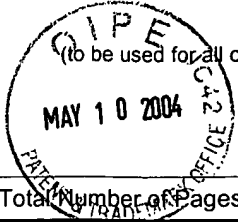
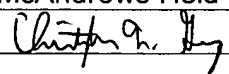
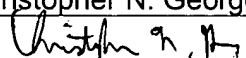
5-11-04

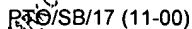
PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

P/A
IFW

TRANSMITTAL FORM		Application Number	
		10/668444	
		Filing Date	
		September 23, 2003	
		First Named Inventor	
		Hsieh et al.	
Group Art Unit		Not Yet Assigned	
Examiner Name		Not Yet Assigned	
Attorney Docket Number		135487CT (15051US01)	
Total Number of Pages in This Submission		27	
ENCLOSURES (check all that apply)			
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD Number of CD(s) _____	
Remarks		Includes 3 petitions and supporting materials (assignments, declarations, statements, consent forms)	
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual Name	McAndrews Held & Malloy, Ltd.		
Signature			
Date	May 10, 2004		
CERTIFICATE OF MAILING			
Express Mail No.: EV 304940877 US			
Date: May 10, 2004			
Name (Print/type)	Christopher N. George	Registration No. (Attorney/Agent)	51,728
Signature		Date	May 10, 2004



Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Patent Fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT	(\$) 130.00
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Complete if Known

Application Number	10/668,444
Filing Date	September 23, 2003
First Named Inventor	Hsieh et al.
Examiner Name	Not Yet Assigned
Group Art Unit	Not Yet Assigned
Attorney Docket No.	135487CT (15051US01)

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
Number
Deposit
Account
Name

070845

GTC

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status.
See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
----------	----------	----------	----------	-----------------

1001	770	2001	385	Utility filing Fee
1002	340	2002	170	Design filing Fee
1003	530	2003	265	Plant filing fee
1004	770	2004	385	Reissue filing fee
1005	160	2005	80	Provisional filing fee

Fee Paid

SUBTOTAL (1) (\$)**0.00**

2. EXTRA CLAIM FEES

		Extra Claims	Fee below	Fee Paid
Total Claims	20 - 20** =	0 x	18 =	0.00
Independent Claims	3 - 3** =	0 x	86 =	0.00
Multiple Dependent				0

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
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1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$0.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description
1051	130	2051	65	Surcharge - late filing fee or oath
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet
1053	130	1053	130	Non-English specification
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action
1251	110	2251	55	Extension for reply within first month
1252	410	2252	210	Extension for reply within second month
1253	930	2253	465	Extension for reply within third month
1254	1,450	2254	725	Extension for reply within fourth month
1255	1,970	2255	985	Extension for reply within fifth month
1401	320	2401	160	Notice of Appeal
1402	320	2402	160	Filing a brief in support of an appeal
1403	280	2403	140	Request for oral hearing
1451	1,510	1451	1510	Petition to institute a public use proceeding
1452	110	2452	55	Petition to revive – unavoidable
1453	1,300	2453	650	Petition to revive – unintentional
1501	1,300	2501	650	Utility issue fee (or reissue)
1502	470	2502	235	Design issue fee
1503	610	2503	315	Plant issue fee
1460	130	1460	130	Petitions to the Commissioner
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
1806	180	1806	180	Submission of Information Disclosure Stmt
8021	40	8021	40	Recording each patent assignment per property (times number of properties)
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))
1801	750	2801	375	Request for Continued Examination (RCE)
1802	900	1802	900	Request for expedited examination of a design application
Other fee (specify)				


Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)	(\$) 130.00
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SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Christopher N. George	Registration No. (Attorney or Agent)	51,728	Telephone	(312) 775-8000
Signature				Date	May 10, 2004

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